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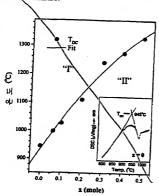
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Im Irales

(54) Tide: LOW TEMPERATURE SINTERABLE AND LOW LOSS DIELECTRIC CERAMIC COMPOSITIONS AND METHOD THEREOF



(57). Abstract: A low loss high-frequency dielectric ceramic composition for sintering at a low temperature and method of manufacturing the same which is characterized in that excellent dielectric properties such as a much lower constant, compared to a conventional high-frequency cramic composition, a stabilized temperature coefficient, and a temperature composition, as stabilized temperature coefficient, and a temperature composition, and property varied according to a composition, are implemented using a low-priced material such as Z100-MO (M=Mg, Co, Ni) - TiO₂. In addition, Ag, Cu, an alloy thereof, or an Ag/Pd alloy can be used as an internal electrode. Thus, the composition of the present invention are be used as a dielectric material for all sorts of high-frequency devices, such as a stacked chip capacitor, stacked chip filter, stacked chip capacitor/inductor composite device and module, low temperatures internal acure sintered substrace, resonator or filter and ceramic antenna.